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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/917,272	07/30/2001	Cheol-hong An	1293.1236	7789

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EXAMINER

DESIR, JEAN WICEL

ART UNIT	PAPER NUMBER
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2614

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DATE MAILED: 06/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/917,272

Applicant(s)

AN ET AL.

Examiner

Jean W. Désir

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-89 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,19,33,56 and 73 is/are rejected.
- 7) ☒ Claim(s) 2-18,20-32,34-55,57-72 and 74-89 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 19, 33, 56, 73 are rejected under 35 U.S.C. 102(b) as being anticipated by Ando (US 5,109,279).

#### **Claim 1:**

Ando discloses all the claimed invention:

An apparatus transmitting a video signal (TV PICTURE of Fig. 3) and graphics data (TELETEXT PICTURE of Fig. 3) to a target device, comprising:

a controller (Fig. 1 item 30) generating a display control signal prescribing a manner in which said video signal (Fig. 1 item 18, Fig. 3) is to be displayed in relation to said graphics data (Fig. 1 item 16, Fig. 3) in a combined display and transmitting said display control signal to said target device (Fig. 1 items 36, 38, 40), said combined display to be formed by combining (Fig. 1 item 36) said video signal and said graphics data at said target device (Fig. 1 items 36, 38, 40) based on said display control signal (Fig. 1 item 30).

#### **Claim 19:**

Ando discloses all the claimed invention:

An apparatus displaying a video signal (TV PICTURE of Fig. 3) and graphics data (TELETEXT PICTURE of Fig. 3) received from a source, comprising:

a mixer combining (Fig. 1 item 36) said video signal and said graphics data to form a combined display; and a processing unit receiving a display control signal (Fig. 1 item 30) from said source, to control said mixer (Fig. 1 item 36) by prescribing a manner in which said video signal is to be displayed in relation to said graphics data in said combined display (Fig. 1 items 36, 38, 40).

**Claim 33:**

Ando discloses all the claimed invention:

A system displaying a video signal (TV PICTURE of Fig. 3) and graphics data (TELETEXT PICTURE of Fig. 3), comprising:

a source of said video signal (Fig. 1 item 18, Fig. 3) and said graphics data (Fig. 1 item 16, Fig. 3), said source transmitting a display control signal (Fig. 1 item 30) prescribing a manner in which said video signal (Fig. 1 item 18, Fig. 3) is to be displayed in relation to said graphics data (Fig. 1 item 16, Fig. 3) ; and

a target (Fig. 1 items 36, 38, 40) receiving said video signal, said graphics signal, and said display control signal, and combining (Fig. 1 item 36) said video signal and said graphics data in said manner prescribed by said display control signal to form a combined display at said target (Fig. 1 items 36, 38, 40).

**Claim 56:**

Ando discloses all the claimed invention:

A method of transmitting a video signal (TV PICTURE of Fig. 3) and graphics data (TELETEXT PICTURE of Fig. 3) from a source to a target (Fig. 1 items 36, 38, 40), comprising:

sending a display control signal (Fig. 1 item 30) from said source to said target (Fig. 1 items 36, 38, 40), said display control signal prescribing a manner in which said video signal (Fig. 1 item 18, Fig. 3) is to be displayed in relation to said graphics data (Fig. 1 item 16, Fig. 3) within a combined display (Fig. 1 items 36, 38, 40) formed by combining said video signal and said graphics data at said target.

**Claim 73:**

Ando discloses all the claimed invention:

A computer readable storage medium having stored thereon a computer program for implementing a method of transmitting a video signal (Fig. 1 item 18, Fig. 3) and graphics data (Fig. 1 item 16, Fig. 3) from a source to a target (Fig. 1 items 36, 38, 40), said computer program comprising a process of:

sending a display control signal (Fig. 1 item 30) from said source to said target (Fig. 1 items 36, 38, 40), said display control signal prescribing a manner in which said video signal (Fig. 1 item 18, Fig. 3) is to be displayed in relation to said graphics data (Fig. 1 item 16, Fig. 3) within a combined display (Fig. 1 items 36, 38, 40) formed by combining said video signal and said graphics data at said target.

***Allowable Subject Matter***

3. Claims 2-18, 20-32, 34-55, 57-72, 74-89 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean W. Désir whose telephone number is (703) 308 9571. The examiner can normally be reached on 5/4/9 - First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Miller can be reached on (703) 305 4795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**JWD**  
May. 31, 04

  
**MICHAEL H. LEE**  
**PRIMARY EXAMINER**